GREENSBORO, N. C.

# ficers:

President, James A. Odell,

| Vice-President, Julian S Carr. | General Manager, J. J. Newman. | Executive Committee, James A. Odell, D. W. C. Benbow, Julius A. Gray.

Attorney, Theo. F. Kluttz.

Financial Agent, Robt. T. Gray.

DIRECTORS—A. B. Andrews, Second Vice-President R. and D. R. R. Company, Raleigh; James A. Odell, President Odell Hardware Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. B. Andrews, Second Vice-President R. and D. R. R. Company, Raleigh; James A. Odell, President Odell Hardware Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, N. C.; Julius A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, A. Gray, President Cape Fear and Yadkin Valley Railway Company, Greensboro, A. Gray, Pre pany, Greensboro, N. C.; Theodore F. Kluttz, Attorney at Law and President Yadkin Valley Railroad Company, Salisbury, N. C.; Julian S. Carr, President Blackwell's Durham Tobacco Company, Durham, N. C.; D.

W. C. Benbow, Greensboro, N. C.; Robert T. Gray, Attorney at Law, Raleigh, N. C.

## THE COMPANY IS \$1,000,000. CAPITAL STOCK OF

# The Company will Build at Once Two Seventy-five Ton Furnaces, One to Make Bessemer Iron, and the Other Will and Foundry Iron.

This Company has purchased about 2,500 acres of land within furn and adjoining the corporate limits of Greensboro, bounded on the north by North Buffalo river, and beautifully located for building and manufacturing sites, AT AN AVERAGE PRICE OF \$35.00 AN ACRE. This is no more than has been paid for the town site lands on which most of the industrial towns of the South have been built up, and in what increased by the use of the black band ore as a flux, the fluxing comparison with which this has the immeasurable advantages of extensive railroad connections and facilities, unexcelled by any of them, an attractive, progressive town of 7,000 people to start with. Water works, gas works, electric light works, paved streets, churches and schools, elegant houses, an established society, and all the attractions that pertain to an old community.

## LAND SALES.

Judging from the experience of other development enterprises, it would seem to be within a reasonable and conservative limit, to expect within two, or certainly three years, to realize from sales of lots, covering a comparatively small part of the total area of land purchased, an aggregate sum equal to the capital stock of the Company. This, when added to the expected profit from this Company's furnaces and other works, makes the opening for the investment of capital, one of the most inviting that has been presented to the public since the beginning of the present industrial era in the South.

In addition to the above 2 500 earse of building and considerable of the considerable of the

In addition to the above 2,500 acres of building and manufacturing sites, this Company owns several tracts of rich mineral lands, aggregating 1,737 acres. The Ore Hill tract proper, 261 acres should yield 4,500,000 tons of pig iron. in area, has been noted as an iron property for more than a century. Ores from it were used in the manufacture of iron during the Revoment selected this locality as the site for large iron and ordnance works, and appropriated a large sum of money to be used for that purpose. While the work of construction was in progress the war ended. lutionary war. During the late civil war the Confederate Govern-

The lack of railroad facilities has made impossible, hitherto, the profitable utilization of these ores on any large scale. The locality prise to many people in the North who would not believe that there is now, however, made accessible by the Cape Fear and Yadkin Valley Railroad, which now passes through the property.

OF THE

"ORE HILL" CHAR-COAL FURNACE.

Dear Sir—When you asked me, some days ago, what was the yield of metal at Ore Hill Furnace for every 100 pounds ore put in

yield of metal at Ore 1011 Furnace for every 100 pounds ore put in the furnace—at that time I could not recollect.

Yesterday I was overhauling some of the Sapona Iron Company's papers, and came across the furnaceman's report of the amount of charges put in and metal made during the first ten days of April, 1865, from which I find that for every 100 pounds of ore charged, the

nace is credited with a fraction	over 63 pounds of metal.  WM. MURDOCK.
Yours truly,	WM. MURDOCK.

Note: The output of metal in proportion to ore used was some-

# From a Letter from S. A. Richards.

[Formerly Superintendent of Furnaces, Joliet Steel Company.] Спіслов, Мау 4, 1886.

. . . In considering the Ore Hill and adjacent deposits, and taking for granted the analyses are correct, one has all the variety necessary for foundry iron, bar iron, nails, spikes, steel, or can be produced at \$2.00 per ton less.

The following estimates of the quantity of ore at Ore Hill and vicinity are submitted:

Ore Hill-3,000,000 to 5,000,000 tons. Assuming next, the vein running from the Brooks to the Evans place equal to Ore Hill, would produce another 3,000,000 tons. Then the vein on Elkins and other places that belong to the property, may be equal to either, or 9,000,-

This does not include the specular ore at Ore Hill, which may be considerable when developed. This ore, used as a mixture, should yield 60 per cent, product, so that it would be fair to assume that

# Bessemer Iron in North Carolina.

The great steel enterprise at Goldsboro, N. C., has been a sur-

The Manufacturers' Record has always claimed that the deposits of fine Bessemer ores in North Carolina were too vast and too extensive, for the world to comprehend, or believe. As a fair illustration of what some of these ores are, we have gathered some of the assays and these samples are fair averages from all the veins:

								Me	tall	ie Iron.	Phosphorus.
Prof	W C	. Kerr's	ren	ort	-			-		57.41	none.
1 101.	11.0	ii ii	14							58.67	none.
Do (	). D. <i>1</i>	Allon								59.62	.224
Dr. C	66	iii iii						33		54.90	none.
44	**	10 -	30							57.12	none.
44	44	14	4					100		53.74	none.
	o Tron	Compa	nv							51.36	.219
Cran	e mon	Compa	,	- 2						56.66	.614
16	"	44			-					46.57	.213
44	22	**				12				53.16	1.531
	- 74			7			1			49.76	.989

David	U 73-1		and.	12163	200			-			121	60.90	,219	
Bootl	n, Gai		RILLOR	47.566	rry.		-		50			56.17	.430	
44	-			66						-	100	57.69	.833	
11	4			660					-	2		50.24	.822	Ш,
								-		-		59.90	.038	Ш
S. A.	Rich	ards,			-	-			-	2		37.70	none.	П
65	2					5	-	12				67.48	none.	
44	- 11		_							2		68.74	none.	
	F. A.	Gen	th.	. 1750 . 17					100		(*)	57.68	none.	
4 1004	11	44	cary					-				59.03	none.	
14	34.	441					4		-			67.60	none.	
- 6	46	44		-		-		100				57.82	none.	
	. Nye		-		2		8				1	45.45	none.	
11, 1,	44	N <sub>2</sub>	- 6	200		ų.		100		-		87.90	none.	
- 66	100	- 5	-		_		-		9		(4)	54.80	.276	
44	166					×		1065				58.90	.038	1

Валлімове, Мр., Магей 3, 1890.

Limonite, 50 per ct., f. o. b. at C	)re Hi	11-2	tons	ore	ur s	50.0	9	*	\$1.10
Freight to Greensboro-2 tons,	40 M.	at #c:			(4)				100
Coke, f. o. b. at Pocahontas—13	tons,	\$1.65	383						2.27
Freight to Greensboro—1; tons.	245	M, at	70.		~		*		2,53
Limestone, f. o. b. at Germanton	$1-1\frac{1}{2}$	tons	@ \$	0.30		2		8	45
Freight to Greensboro,-11 tons,	85 M	, (0) 3	C.		*		+		4.0
Pay-roll—Officers and men	-	*	: 40			*			1.75
Vouchers-Maintenance, repairs	. &c.	-		-	-		×		1.25
Interest on \$10.00 per ton of dai	ily on	tput	*			×			25

Cost of one ton pig at Greeensboro - -

# FUEL SUPPLY.

So much for the ores. Now, as to the question of fuel.

For reasons that will be set forth further on, it has been decided to build the furnaces at Greenshoro. The C. F. & Y. V. Road is now building from Mt. Airy, northward to the State line. The Normal which is Crimple Creek branch, which folk and Western road is extending its Cripple Creek branch, which REPORT OF THE RUN

of what some of these ores are, we have gathered to the "Ore Hill" proposate and different times of samples of ores from the "Ore Hill" proposate that every. In examining these analyses it should be remembered that there are a number of veins of different kinds of ores on this property there are a number of veins of different kinds of ores on this property.

Or what some of these ores are, we have gathered to an analysis of the water fold is extending to the leaves the main line at Pulaski City, southward, to meet it. It is expected that connection will be made within a year. When that hontas coke ovens, from which comes the best coke in America. Other roads are now building, and others still are projected, through Western North Carolina to the coking coal fields of Southwest Virginia pany is \$1,000,000, in shares of \$100 each. The purchase of ore pro-

tern North Carolina to the coking coar news of Southwest virginia and Eastern Kentucky.

There is a possibility, however, not to say a probability, that the furnaces at Greensboro will be independent of that district in the matter of coke. The Deep River coal fields, 53 miles below Greensboro, and traversed by the C. F. & Y. V. road, are assuming increased importance every day, as they are explored and the coal tested. Mr. Fred. H. Smith makes, in his Report, prominent and hopeful mention of this coal as a possible source of fuel supply for the Greensboro tion of this coal as a possible source of fuel supply for the Greensboro furnaces. It is favorably referred to also in the Report of Prof. Wilhor.

Limestone.

Limestone is found in abundance near Germanton, about 30 miles above Greensboro, on the C. F. & Y. V. road, in an ample supply and of as good quality as could be desired.

### Location of Works.

The Company, after much deliberation, fixed upon Greensboro as being by far the most desirable place for the location of its works. It was selected because of its central location, its important railroad connections, it equable climate and remarkable healthfulness, its thrifty, enterprising and progressive spirit, and its unsurpassed advantages for general manufacturing. It is on the main line of the Richmond & Danville system, one of the greatest of North and South lines. It is on the Cape Fear and Yadkin Valley Road, which, with any use you may desire to put it to. Charles per busine and ore at 75 cents per ton, iron can be made at \$10.25 to \$10.50 per ton. Should the coal at Deep River make a good coke, then iron and Iron Company;

Mr. J. A. Odell, Greensboro, N. C., President North Carolina Steel the recent completion of the extension from Fayetteville to Wilmington, and the connection to be made next year at the State line near and Iron Company; Dear Sir: I gave Mr. J. A. Gray to-day the following estimate of the cost of making pig iron at Greensboro.

Mt. Any, with the Norrolk and Western, will be an East and Western with the West, and a tide-water output trunk line, furnishing connection with the West, and a tide-water output to the sea will be afforded by the road the Riebs mond and Danville Company is now building from Raleigh to Noriolk. \$1.10 The Winston and Wilkesboro branches of the Richmond and Danville, penetrating the Bessemer ores of Western North Carolina, have their starting point at Greensboro. Southeast of Greensboro are

> leaf pine and several varieties of hardwood. With the impetus given it by this enterprise, and with its advantages for iron and steel making and the manufacture of products using these as raw material, its advantages for wood-working shops of every sort, for textile industries, and for manfacturing in general, together with its attractions as a place of residence, Greenshoro \$10.60 ought to become one of the most important centres of industry in the South, the industrial and commercial metropolis of North

hundreds of thousands of acres of magnificent timber, unculled, long

This is the greatest industry launched in the Southern States since the war, and is destined to revolutionize steel-making in America. Capitalists should give this matter their earnest attention. It is worthy of it, many persons who are not considered over sanguine confidently expect the stock to be worth over \$250, per share, within two years. It should be remembered that this Company

### Subscriptions to Stock.

The capital stock of the North Carolina Steel and Iron Comperties and town site lands, and the work of organization, &c., will

not to be oftener than once in sixty days.

# Books of Subscription are Now Open At

THE · NATIONAL BANK. · OF · GREENSBORO, · GREENSBORO, · N. · C.

THE - DAVIS - AND - WILEY - BANK, - SALISBURY, - N. C.

The Stock is Non-Asssesable and is to be Fully Paid Up.